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PTO/SB/21 (08-00)

## TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

<b>TRANSMITTAL FORM</b>  (to be used for all correspondence after initial filing)	Application Number	09/831,829
	Filing Date	May 15, 2001
	First Named Inventor	Kenichi SHIRAISHI et al.
	Group Art Unit	2634
	Examiner Name	G. Munoz
Total Number of Pages in This Submission	Attorney Docket Number	0670-259

### ENCLOSURES (check all that apply)

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Remarks		<input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees required or credit any overpayments to Deposit Account No. 50-2280 for the above identified docket number.

### SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	Eric J. Robinson, Reg. No. 38,285 Robinson Intellectual Property Law Office, P.C. PMB 955 21010 Southbank Street Potomac Falls, VA 20165
Signature	
Date	January 13, 2005

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Attorney Docket No. 0670-0259

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:

Kenichi SHIRAISHI et al.

Serial No. 09/831,829

Filed: May 15, 2001

For: DEMODULATOR

) Group Art Unit: 2634

) Examiner: G. Munoz

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Dear Sir:

In accordance with the provisions of 37 C.F.R. 1.56 and 37 C.F.R. 1.97-1.99, Applicant submits herewith a Form PTO-1449 listing information known to Applicant and requests that this information be made of record in the above identified application. Copies are submitted herewith in accordance with 37 C.F.R. 1.98(a).

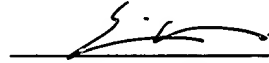
In accordance with 37 C.F.R. § 1.97(e), it is certified that either (1) each item of information contained in the information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this information disclosure statement, or (2) no item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign patent application and no item of information contained in the information disclosure statement was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing of this information disclosure statement.

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A duplicate copy of this sheet is attached.

Respectfully submitted,



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Eric J. Robinson  
Reg. No. 38,285

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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (use as many sheets as necessary) JAN 14 2005 PTO/USPTO		Application Number	09/831,829
		Filing Date	May 15, 2001
		First Named Inventor	Kenichi SHIRAISHI et al.
		Group Art Unit	2634
		Examiner Name	G. Munoz
Sheet	of	Attorney Docket Number	0670-259

U.S. PATENT DOCUMENTS						
Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			

FOREIGN PATENT DOCUMENTS						
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		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)		
		JP	09-321813		12/12/1997	Full
		JP	07-254861		10/03/1995	Full
		JP	05-183448		07/23/1993	Full

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
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